

Preparation unit——FR.L combination

AIRTAC

GFC Series

Specification

Model		GFC200-06	GFC200-08	GFC300-08	GFC300-10	GFC300-15	GFC400-10	GFC400-15	GFC600-20	GFC600-25
Fluid		Air								
Port size		1/8"	1/4"	1/4"	3/8"	1/2"	3/8"	1/2"	3/4"	1"
Filtering grade		40 μm or 5 μm								
Pressure range		Semi-auto and automatic drain:0.15~0.9MPa(20~130psi);Manual drain:0.05~0.9MPa(7~130psi)								
Max. pressure		1.0MPa(145psi)								
Proof pressure		1.5MPa(215psi)								
Temperature range		-20~70℃								
Capacity of drain bowl		10CC			40CC			80CC		230CC
Capacity of oil bowl		25CC			75CC			160CC		380CC
Recommended lubricant		ISO VG 32 or equivalent								
Weight		430g			980g			1950g		4320g
Constitute	Filter-Regulator	GFR200-06	GFR200-08	GFR300-08	GFR300-10	GFR300-15	GFR400-10	GFR400-15	GFR600-20	GFR600-25
	Lubricator	GL200-06	GL200-08	GL300-08	GL300-10	GL300-15	GL400-10	GL400-15	GL600-20	GL600-25

Ordering code

GFC200 08 M L ☐ F 1 W P K

Model

GFC200: G200 Series F.R.L unit
GFC300: G300 Series F.R.L unit
GFC400: G400 Series F.R.L unit
GFC600: G600 Series F.R.L unit

Code of reflux valve ②

Blank: No reverse flow valve is attached
K: Reverse flow valve is attached

Thread type

P: PT
T: NPT
G: G

Filtering grade

Blank: 40 μm
W: 5 μm

Scale

1: MPa
2: psi
3: bar

Pressure gauge shape

F: Square
C: Circular

Pressure gauge

Blank: Pressure gauge
N: No pressure gauge

Port size

Model	Port size
GFC200	06: 1/8"
	08: 1/4"
GFC300	08: 1/4"
	10: 3/8"
GFC400	10: 3/8"
	15: 1/2"
GFC600	20: 3/4"
	25: 1"

Drain type

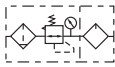
Drain type	Adaptable product's series
Blank: Semi-auto drain	GFC200, GFC300
M: Manual drain	GFC400, GFC600
A: Automatic drain	GFC300, GFC400, GFC600

Type code

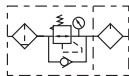
Blank: Standard
L: Lower pressure ①

Symbol

No reflux valve is attached



Reflux valve is attached

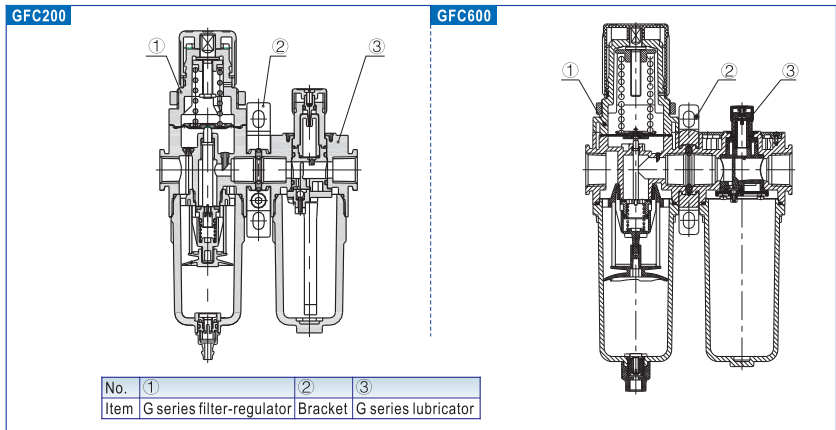


Product feature

1. Quick and reliable mounting clamps makes it convenient to install and use.
2. The performance of pressure adjustment is reliable with high precision.
3. The efficiency of eliminating moisture and solid grain is high.
4. Three drain types are available: manual drain, semi-auto drain and automatic drain.

① The maximum work pressure of lower pressure type is 0.4MPa(58psi). ② Please refer to page 148 for details of reflux valve.

Inner structure



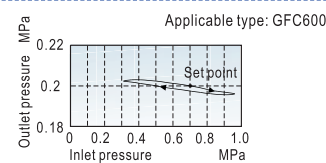
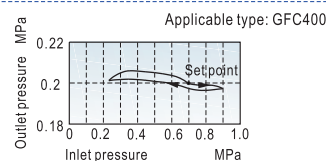
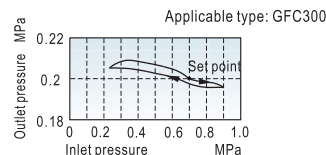
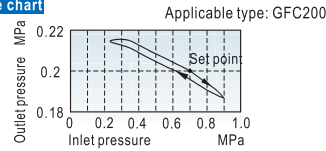
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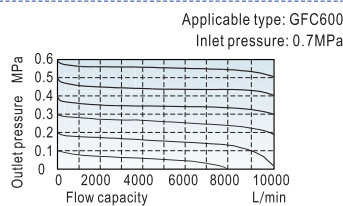
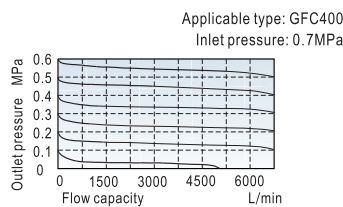
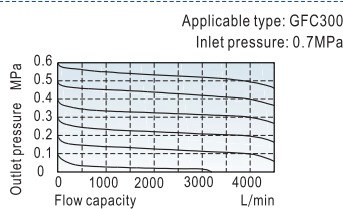
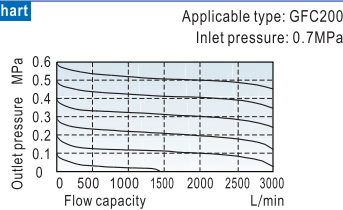
GFC Series

Pressure and feature of flow

Pressure chart

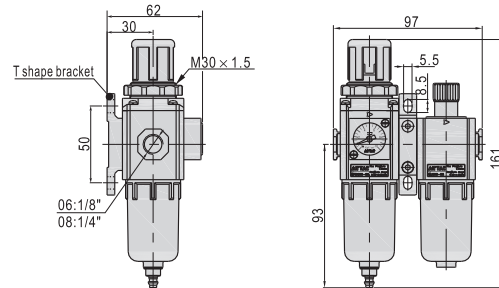


Flow chart

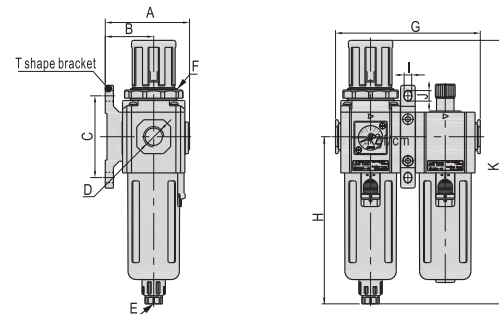


Dimensions

GFC200

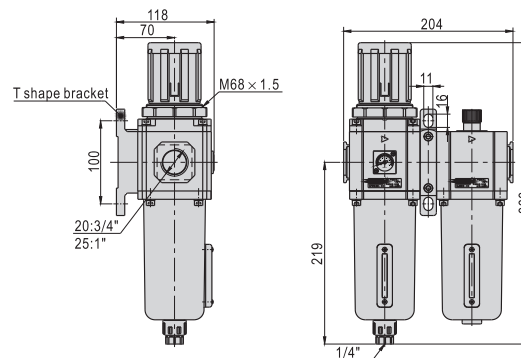


GFC300/GFC400



Model\Item	A	B	C	D	E	F	G	H	I	J	K
GFC300-08	72	41.5	70	1/4"	1/8"	M40x1.5	124	143	6.5	9	225.5
GFC300-10	72	41.5	70	3/8"	1/8"	M40x1.5	124	143	6.5	9	225.5
GFC300-15	72	41.5	70	1/2"	1/8"	M40x1.5	124	143	6.5	9	225.5
GFC400-10	89	50	80	3/8"	1/4"	M55x2.0	164	166.5	8.6	12	270.5
GFC400-15	89	50	80	1/2"	1/4"	M55x2.0	164	166.5	8.6	12	270.5

GFC600



GFC

